

Title (en)

A DEGRADATION DETECTOR AND DETECTING METHOD FOR AN EXHAUST GAS SENSOR

Title (de)

VORRICHTUNG UND VERFAHREN ZUM DEGRADATIONSNACHWEIS EINES ABGASSENSORS

Title (fr)

DÉTECTEUR DE DÉGRADATION ET PROCÉDÉ DE DÉTECTION POUR UN CAPTEUR DE GAZ D'ÉCHAPPEMENT

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Application

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Abstract (en)

[origin: WO2006077711A1] A degradation detector of an exhaust gas sensor is disclosed. The detector comprises a first heater resistance estimator (16) for estimating a resistance of a heater that heats the exhaust gas sensor, based on a device resistance of the exhaust gas sensor; a heater resistance calculator (17) for calculating a resistance of the heater, based on a heater current of the heater; and a degradation determiner (18) for determining whether the exhaust gas sensor is degraded, by comparing the estimated resistance of the heater and the calculated resistance of the heater.

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